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|---|--|---------|----------------------------|----------|---------|--------|
| Tacoma Smelter Plume Site | | | | | | |
| Credible Evidence Report | | | | | | |
| | | | | | | |
| Table 5 | | | | | | |
| Trace Element Correlations | | | | | | |
| Based on Maximum Concentrations by Boring | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Inter-Element Correlations | | | |
| | | | | | | |
| | | Arsenic | Lead | Antimony | Bismuth | Indium |
| | | | | | | |
| | Lead | 0.6037 | | | | |
| | | (92) | | | | |
| | | 0.0000 | | | | |
| | | | | | | |
| | Antimony | 0.8030 | 0.7210 | | | |
| | | (92) | (92) | | | |
| | | 0.0000 | 0.0000 | | | |
| | | | | | | |
| | Bismuth | 0.8682 | 0.7465 | 0.8849 | | |
| | | (92) | (92) | (92) | | |
| | | 0.0000 | 0.0000 | 0.0000 | | |
| | | | | | | |
| | Indium | 0.8407 | 0.6969 | 0.8878 | 0.9447 | |
| | | (92) | (92) | (92) | (92) | |
| | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | |
| | | | | | | |
| | Silver | 0.7664 | 0.6734 | 0.6890 | 0.8260 | 0.8295 |
| | | (38) | (38) | (38) | (38) | (38) |
| | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | | | | | | |
| | | | | | | |
| | NOTES: | | | | | |
| | 1. Entry formats are: | 0.6037 | correlation coefficient | | | |
| | | (92) | number of samples | | | |
| | | 0.0000 | significance level | | | |
| | | | (0.0000 means < 0.00005) | | | |
| | 2. All data distributions are right-skewed; therefore correlations | | | | | |
| | (parametric) are calculated using Log concentrations. | | | | | |
| | 3. Arsenic and lead results are from OnSite lab analyses; other | | | | | |
| | results are from Battelle lab analyses. | | | | | |
| | 4. For 9 samples without OnSite lead results, Battelle results | | | | | |
| | are used instead as surrogate values. | | | | | |
| | 5. Correlations are based on results from | | | | | |
| | Vashon-Maury Island and King County Mainland | | | | | |

| | | |
|--|--|--|
| | locations including undisturbed and disturbed soils. | |
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